

3 pgs

Cascade Natural Gas Corporation WEATHER NORMALIZATION ADJUSTMENT State of Washington			
Line No.	Description (a)	Therms (b)	Amount (c)
	Residential		
1	Therm Adjustment	2,685,990	
2	Margin at End of Test Period Rates		\$ 607,329
	Commercial		
3	Therm Adjustment	2,594,975	
4	Margin at End of Test Period Rates		442,425
5	Total	<u>5,280,965</u>	<u>\$ 1,049,754</u>

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1/ The weather normalization adjustment on revenues from margins associated with gas sales are carried forward to Exhibit ____ (JTS-1), page 3, column (h), line 1.

WUTC <u>UG-950326,</u>		
DOCKET NO. <u>-951415</u>		
EXHIBIT # <u>34</u>		
ADMIT	W/D	REJECT
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Cascade Natural Gas Corporation										
AVERAGE USE PER CUSTOMER PER DEGREE DAY BY WEATHER AREA										
State of Washington										
Line No.	Description	Jan 1994	Feb 1994	Mar 1994	Apr 1994	May 1994	Oct 1994	Nov 1994	Dec 1994	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RESIDENTIAL										
Bellingham Weather Area										
1	Monthly Gas Sales as Billed	4,693,986	4,080,966	4,179,791	2,873,323	1,730,184	1,383,198	3,387,797	5,391,798	
2	Unbilled Therm Adjustment	(506,057)	279,923	(814,166)	(574,940)	(497,211)	913,679	1,420,275	177,439	
3	Adjusted Monthly Gas Sales	4,187,929	4,360,889	3,365,625	2,298,383	1,232,973	2,296,877	4,808,072	5,569,237	
4	Less Base Load *1	631,893	575,956	642,063	624,111	645,662	666,646	656,002	686,697	
5	Net Weather Sensitive Gas Sales	3,556,036	3,784,933	2,723,562	1,674,272	587,311	1,630,231	4,152,070	4,882,540	
6	Customer Count	37,219	37,559	37,818	37,986	38,030	39,266	39,927	40,447	
7	Actual Degree Days	613	723	547	404	262	443	703	759	
8	Average Use Per Customer Per Degree Day	0.15586	0.13938	0.13166	0.10910	0.05894	0.09372	0.14793	0.15904	
9	Normal Degree Day	818	669	624	473	319	443	635	804	
10	Normalized Weather Sensitive Gas Sales	4,745,180	3,502,197	3,106,970	1,960,241	715,035	1,630,244	3,750,565	5,171,883	
11	Weather Adjustment (Line 10 - Line 5)	1,189,144	(282,736)	383,408	285,969	127,724	13	(401,505)	289,343	1,591,360
Bremerton Weather Area										
12	Monthly Gas Sales as Billed	2,433,123	2,266,468	2,158,659	1,577,888	948,527	773,864	1,961,562	2,848,201	
13	Unbilled Therm Adjustment	(262,315)	155,462	(420,477)	(315,729)	(272,582)	511,181	822,351	93,732	
14	Adjusted Monthly Gas Sales	2,170,808	2,421,930	1,738,182	1,262,159	675,945	1,285,045	2,783,913	2,941,933	
15	Less Base Load *2	357,614	325,026	362,489	352,098	363,380	372,467	368,535	385,992	
16	Net Weather Sensitive Gas Sales	1,813,194	2,096,904	1,375,693	910,061	312,565	912,578	2,415,378	2,555,941	
17	Customer Count	20,465	20,593	20,744	20,821	20,795	21,315	21,793	22,089	
18	Actual Degree Days	587	651	506	405	312	403	722	743	
19	Average Use Per Customer Per Degree Day	0.15094	0.15641	0.13106	0.10792	0.04818	0.10624	0.15351	0.15573	
20	Normal Degree Day	700	599	570	467	359	351	555	702	
21	Normalized Weather Sensitive Gas Sales	2,162,291	1,929,350	1,549,664	1,049,350	359,683	794,841	1,856,721	2,414,824	
22	Weather Adjustment (Line 21 - Line 16)	349,097	(167,554)	173,971	139,289	47,118	(117,737)	(558,657)	(141,117)	(275,590)
Yakima Weather Area										
23	Monthly Gas Sales as Billed	2,559,014	2,265,572	1,856,201	1,023,258	508,425	467,068	1,612,844	2,517,910	
24	Unbilled Therm Adjustment	(275,887)	155,401	(361,562)	(204,750)	(146,108)	308,525	676,157	82,862	
25	Adjusted Monthly Gas Sales	2,283,127	2,420,973	1,494,639	818,508	362,317	775,593	2,289,001	2,600,772	
26	Less Base Load *3	252,434	228,858	253,870	243,377	248,240	249,827	251,128	264,032	
27	Net Weather Sensitive Gas Sales	2,030,693	2,192,115	1,240,769	575,131	114,077	525,766	2,037,873	2,336,740	
28	Customer Count	20,045	20,120	20,159	19,970	19,712	19,838	20,606	20,966	
29	Actual Degree Days	883	880	641	373	185	472	875	1,003	
30	Average Use Per Customer Per Degree Day	0.11473	0.12381	0.09602	0.07721	0.03128	0.05615	0.11303	0.11112	
31	Normal Degree Day	1,086	822	661	445	264	459	805	1,081	
32	Normalized Weather Sensitive Gas Sales	2,497,542	2,047,649	1,279,476	686,138	162,780	511,282	1,874,922	2,518,451	
33	Weather Adjustment (Line 32 - Line 27)	466,849	(144,466)	38,707	111,007	48,703	(14,484)	(162,951)	181,711	525,076
Walla Walla Weather Area										
34	Monthly Gas Sales as Billed	1,355,933	1,221,545	1,026,123	657,940	330,382	280,276	834,256	1,370,297	
35	Unbilled Therm Adjustment	(146,183)	83,789	(199,874)	(131,651)	(94,943)	185,138	349,747	45,095	
36	Adjusted Monthly Gas Sales	1,209,750	1,305,334	826,249	526,289	235,439	465,414	1,184,003	1,415,392	
37	Less Base Load *4	158,016	143,648	159,877	154,554	159,706	163,584	163,146	171,255	
38	Net Weather Sensitive Gas Sales	1,051,734	1,161,686	666,372	371,735	75,733	301,830	1,020,857	1,244,137	
39	Customer Count	11,124	11,196	11,255	11,243	11,243	11,516	11,868	12,056	
40	Actual Degree Days	694	778	487	247	102	323	662	820	
41	Average Use Per Customer Per Degree Day	0.13623	0.13337	0.12157	0.13386	0.06604	0.08114	0.12994	0.12585	
42	Normal Degree Day	959	726	573	360	200	318	662	929	
43	Normalized Weather Sensitive Gas Sales	1,453,290	1,084,071	784,019	541,796	148,498	297,142	1,020,889	1,409,523	
44	Weather Adjustment (Line 43 - Line 38)	401,556	(77,615)	117,647	170,061	72,765	(4,688)	32	165,386	845,144
45	Total Adjustment (lines 11+22+33+44)	2,406,646	(672,371)	713,732	706,326	296,310	(136,895)	(1,123,081)	495,323	2,685,990

*1 Bellingham Base Load per customer = 0.5476676 Therms per Day

*2 Bremerton Base Load per customer = 0.5636904 Therms per Day

*3 Yakima Base Load per customer = 0.4062374 Therms per Day

*4 Walla Walla Base Load per customer = 0.4582236 Therms per Day

Cascade Natural Gas Corporation										
AVERAGE USE PER CUSTOMER PER DEGREE DAY BY WEATHER AREA										
State of Washington										
Line No.	Description	Jan 1994	Feb 1994	Mar 1994	Apr 1994	May 1994	Oct 1994	Nov 1994	Dec 1994	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
COMMERCIAL										
Bellingham Weather Area										
1	Monthly Gas Sales as Billed	3,641,223	3,567,058	3,366,780	2,335,198	1,619,526	1,793,210	3,192,547	4,169,952	
2	Unbilled Therm Adjustment	(259,337)	161,615	(443,192)	(218,816)	(165,149)	247,603	698,987	170,403	
3	Adjusted Monthly Gas Sales	3,381,886	3,728,673	2,923,588	2,116,382	1,454,377	2,040,813	3,891,534	4,340,355	
4	Less Base Load *1	988,579	898,763	996,555	966,176	995,059	1,003,865	982,898	1,030,947	
5	Net Weather Sensitive Gas Sales	2,393,307	2,829,910	1,927,033	1,150,206	459,318	1,036,948	2,908,636	3,309,408	
6	Customer Count	5,950	5,989	5,998	6,009	5,989	6,042	6,113	6,205	
7	Actual Degree Days	613	723	547	404	262	443	703	759	
8	Average Use Per Customer Per Degree Day	0.65618	0.65355	0.58735	0.47380	0.29272	0.38741	0.67683	0.70269	
9	Normal Degree Day	818	669	624	473	319	443	635	804	
10	Normalized Weather Sensitive Gas Sales	3,193,694	2,618,540	2,198,305	1,346,661	559,239	1,036,944	2,627,288	3,505,594	
11	Weather Adjustment (Line 10 - Line 5)	800,387	(211,370)	271,272	196,455	99,921	(4)	(281,348)	196,186	1,071,500
Bremerton Weather Area										
12	Monthly Gas Sales as Billed	2,122,067	2,015,708	1,881,658	1,378,939	983,307	914,433	1,718,980	2,374,750	
13	Unbilled Therm Adjustment	(151,139)	91,327	(247,695)	(129,212)	(100,271)	126,263	376,360	97,043	
14	Adjusted Monthly Gas Sales	1,970,928	2,107,035	1,633,963	1,249,727	883,036	1,040,696	2,095,340	2,471,793	
15	Less Base Load *2	613,097	555,223	615,609	597,139	615,609	622,604	613,456	640,721	
16	Net Weather Sensitive Gas Sales	1,357,831	1,551,812	1,018,354	652,588	267,427	418,092	1,481,884	1,831,072	
17	Customer Count	3,418	3,427	3,432	3,440	3,432	3,471	3,534	3,572	
18	Actual Degree Days	587	651	506	405	312	403	722	743	
19	Average Use Per Customer Per Degree Day	0.67676	0.69558	0.58641	0.46841	0.24975	0.29889	0.58078	0.68993	
20	Normal Degree Day	700	599	570	467	359	351	555	702	
21	Normalized Weather Sensitive Gas Sales	1,619,216	1,427,868	1,147,159	752,491	307,714	364,144	1,139,124	1,730,030	
22	Weather Adjustment (Line 21 - Line 16)	261,385	(123,944)	128,805	99,903	40,287	(53,948)	(342,760)	(101,042)	(91,314)
Yakima Weather Area										
23	Monthly Gas Sales as Billed	3,650,588	3,324,294	2,551,571	1,441,101	964,554	1,191,356	2,594,411	3,578,780	
24	Unbilled Therm Adjustment	(260,004)	150,616	(335,880)	(135,036)	(98,359)	164,500	568,030	146,245	
25	Adjusted Monthly Gas Sales	3,390,584	3,474,910	2,215,691	1,306,065	866,195	1,355,856	3,162,441	3,725,025	
26	Less Base Load *3	705,226	638,692	708,729	682,477	700,264	697,345	688,833	721,281	
27	Net Weather Sensitive Gas Sales	2,685,358	2,836,218	1,506,962	623,588	165,931	658,511	2,473,608	3,003,744	
28	Customer Count	4,832	4,845	4,856	4,832	4,798	4,778	4,877	4,942	
29	Actual Degree Days	883	880	641	373	185	472	875	1,003	
30	Average Use Per Customer Per Degree Day	0.62938	0.66522	0.48413	0.34599	0.18694	0.29199	0.57966	0.60598	
31	Normal Degree Day	1,086	822	661	445	264	459	805	1,081	
32	Normalized Weather Sensitive Gas Sales	3,302,704	2,649,299	1,553,968	743,962	236,792	640,364	2,275,736	3,237,328	
33	Weather Adjustment (Line 32 - Line 27)	617,346	(186,919)	47,006	120,374	70,861	(18,147)	(197,872)	233,584	686,233
Walla Walla Weather Area										
34	Monthly Gas Sales as Billed	1,856,628	1,737,078	1,255,842	767,955	533,746	648,614	1,385,799	1,839,956	
35	Unbilled Therm Adjustment	(132,234)	78,703	(165,315)	(71,960)	(54,428)	89,559	303,412	75,189	
36	Adjusted Monthly Gas Sales	1,724,394	1,815,781	1,090,527	695,995	479,318	738,173	1,689,211	1,915,145	
37	Less Base Load *4	404,972	367,455	407,330	395,006	406,488	407,836	403,157	423,165	
38	Net Weather Sensitive Gas Sales	1,319,422	1,448,326	683,197	300,989	72,830	330,337	1,286,054	1,491,980	
39	Customer Count	2,404	2,415	2,418	2,423	2,413	2,421	2,473	2,512	
40	Actual Degree Days	694	778	487	247	102	323	662	820	
41	Average Use Per Customer Per Degree Day	0.79084	0.77085	0.58018	0.50292	0.29591	0.42244	0.78556	0.72432	
42	Normal Degree Day	959	726	573	360	200	318	662	929	
43	Normalized Weather Sensitive Gas Sales	1,823,231	1,351,524	803,848	438,687	142,806	325,227	1,286,061	1,690,308	
44	Weather Adjustment (Line 43 - Line 38)	503,809	(96,802)	120,651	137,698	69,976	(5,110)	7	198,328	928,557
45	Total Adjustment (lines 11+22+33+44)	2,182,927	(619,035)	567,734	554,431	281,045	(77,209)	(821,972)	527,056	2,594,976

*1 Bellingham Base Load per customer = 5.3596069 Therms per Day

*2 Bremerton Base Load per customer = 5.7862293 Therms per Day

*3 Yakima Base Load per customer = 4.7080364 Therms per Day

*4 Walla Walla Base Load per customer = 5.4341125 Therms per Day